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## PART III—SECTION 2

### Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

Calcutta, the 18th April 1964

##### CORRIGENDA

In the Gazette of India, Part III, Section 2, dated the 28th March 1964, in page 117, Column 2, under the heading "Applications for Patents"—

for "92682. Water-insoluble monoazo dyestuffs and process for their manufacture".

read "92682. Ciba Limited, Water-insoluble monoazo dyestuffs and process for their manufacture".

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

The 30th March 1964

93008. H. F. Mark and S. M. Atlas. Elastomeric fibres. (1st April 1963).

93009. N. K. Irani. An improved scourer.

93010. A. W. Kuijvenhoven. Improvements in and relating to window screens. (3rd April 1963).

93011. Ames Crosta Mills & Company Limited and J. F. Bolton. Improvements in or relating to the surface aeration of liquids. (4th April 1963).

93012. Rhone-Poulenc S.A. New amidines, process for their preparation and pharmaceutical compositions containing them.

93013. Allied Chemical Corporation. Process for preparing non-cellular urethane elastomers.

93014. Stamicarbon N. V. Epsilon-caprolactam pellets.

93015. Textron Industries Incorporated. Improvements in or relating to rivets and method of riveting. (9th April 1963).

93016. F. W. Lawson. Improvements in or relating to container.

93017. Rohm & Haas Company. Plasticizing esters and plasticized resinous compositions.

93018. Stein Atkinson Stordy Limited. Improvements relating to mechanical handling apparatus. (28th March 1963).

93019. Pullman Incorporated. Longtravel hydraulic cushioning device.

93020. Ciba Limited. Manufacture of cycloalkane compounds.

93021. M. K. Katakia. Park-meters for indicating the exact time for which cars or like vehicles may be parked in a car park.

93022. Brown, Boveri & Company Limited. Device for transferring liquid metal.

93023. T. Engel. Improvements in or relating to the production of expanded thermoplastic material.

93024. Dr. E. P. Nemes. Multiple radiation source microscope.

93025. Pittsburgh Chemical Company. Purifying sugar solutions.

93026. International Polaroid Corporation. Method and apparatus for presenting a composite multi-colour image. [Divisional date 31st August 1962].

93027. Societa Farmaceutici Italia. Process for preparing new steroid compounds having anti-inflammatory activity.

93028. Mrs. Seraswatiben Shivprasad Thaker. Reclammo miracle oil cleaner.

93029. B. N. Singh. Mangetic effect, (Birendra effect on magnet).

93030. B. N. Singh. A new type of aeroplane.

93031. B. N. Singh. Disproving newton's third law of motion, known as Birendara law of motion.

The 31st March 1964

93032. Council of Scientific and Industrial Research. An improved process for producing coal fertilizers.

93033. Knoll Aktiengesellschaft, Chemische Fabriken, Ludwigshafen am Rhein. Process for the preparation of basically substituted phenylacetonitriles.

93034. Cromelite (India) Private Ltd., Folding chair with a table.

93035. Ciba Limited. Process for the production of phthaloylpyrrocolines.

93036. F. Hoffmann-La & Co. Aktiengesellschaft. Fork stacker.

93037. Tecumseh Products Company. Improvements in switching circuits.

93038. The Lummus Company. Process for preparing urea prills.

93039. The Babcock & Wilcox Company. Vapor generating apparatus.

93040. K. Uehara, Shinko Wire Company Limited and Aluma Kogyo Company, Limited. Continuous hot dip aluminizing method by means of water-soluble flux.

93041. N. P. B. Menon. Improvements in or relating to barbed fences and like barbed enclosures.

93042. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing 2, 6-dichlorobenzonitrile.

93043. G. F. Hammond. Improvements relating to ploughshares.

93044. Joseph Lucas (Industries) Limited. Magnetos. (16th April 1963).

93045. Esso Research and Engineering Company. Solvent recovery process.

93046. Lastex Yarn & Lactron Thread Limited. Improvements relating to ribbed hosiery.

93047. The Minister of Aviation in Her Britannic Majesty's Government of the United Kingdom of Great Britain & Northern Ireland. Apparatus for controlling the temperature of the human body. (5th April 1963).

93048. Sperry Rand Corporation. Information handling device.

93049. Dominion Magnesium Limited. Apparatus for forming and removing condensed metal crowns. (23rd April 1963).

93050. Dominion Magnesium Limited. Method and apparatus for producing high purity calcium. (23rd April 1963).

93051. F. W. Lawson. Improvements in or relating to container.

93052. Halcon International, Inc. Chemical process.

93053. Societe D'Electro-Chimie, D'Electro-Metallurgie Et Des Acieries Electriques D'Ugine. Process for the stabilisation of cyanhydrins. (13th December 1963).

*The 1st April 1964*

93054. The British Drug Houses Limited. Organic Compounds. (10th April 1963).

93055. Unilever Limited. Fat emulsions. (5th April 1963).

93056. The Indian Lac Cess Committee. A process for the preparation of an improved shellac varnish whose air-dried as well as baked films possess outstanding heat and water resistance and improved adhesion and flexibility.

93057. The Director, Indian Institute of Technology, Bombay and W. J. Jirase. A trigonometric electronic multiplier.

93058. Sandoz Ltd. Improvements in or relating to organic compounds.

93059. The Gas Council. Improvements in or relating to the production of gases containing methane from hydrocarbons. (2nd April 1963).

93060. The Gas Council. Improvements in or relating to the purification of hydrocarbons. (2nd April 1963).

93061. Pilkington Brothers Limited. Improvements in or relating to the manufacture of flat glass. (2nd April 1963).

93062. Beloit Corporation. Instrument for measuring moisture content and the like.

93063. Pennsylvania Optical Company. Adjustable density sunglasses.

93064. Toyoda Automatic Loom Works, Limited, and Kanechuchi Boseki Kabushiki-Kaisha. Control for automated spinning machine.

93065. Ciba Limited. Manufacture of new imidazoles.

93066. Societe Industrielle des Matriaux Blancs SIMAB. Method for manufacturing building elements.

93067. Great Lakes Carbon Corporation. Apparatus and process for continuously making baked and/or graphitized bodies.

93068. General Electric Company. Optical filters and lamps embodying the same.

93069. Hitachi Ltd. Parking building having parking lots arranged for endless circulation.

93070. E. Merck Aktiengesellschaft. Progesterone derivative and preparation thereof.

93071. Fichtel & Sachs A. G. Clutch.

93072. Mekhanichesky Zavod. Pipe-laying crane.

93073. Roman Konstantinovich Rott. Gas and liquid cooling device.

93074. N. A. Ramaiah. Removal of colour in cane juice clarification by cationic surface active agent.

93075. The Triveni Engineering Works Limited. Improvements in or relating to a device used for loading cane carrier.

93076. The Triveni Engineering Works Limited. Improvements in or relating to a feed table used for loading cane carriers with canes.

93077. Elitex, Sdruzeni Podniku textilniho strojrenstvi. Device for laying yarns on bobbins.

93078. R. Kauschka. Improvements in or relating to roller printing machines.

93079. The Dow Chemical Company. Film laminating process.

93080. Hindusthan Bobbin Industries. Bobbins for use in textile and jute mills.

93081. Tecalemit (Engineering) Limited. Improvements in or relating to electrical switches. (5th April 1963).

93082. Aerpat A.G. Improvements in or relating to blind riveting (5th April 1963).

93083. Insinooritoimisto-Engineering Bureau R.T. Hukki. Method and apparatus for continuous classification of solids. (8th April 1963).

93084. Indian Oxygen Limited. Low temperature separation of gas mixtures.

93085. Imperial Chemical Industries Limited. Coating process. (22nd April 1963).

93086. Imperial Chemical Industries Limited. Apparatus for dip-coating. (22nd April 1963).

93087. Stamicarbon N.V. Process for the preparation of fertilizer salts which are practically free of chlorine and sulphate, or of mixtures of such salts.

93088. The Bendix Corporation. Decoder-encoder for beacon system utilizing a single delay line. (27th January 1964).

93089. Dunlop Rubber Company Limited. Improvements in or relating to land vehicles. (8th April 1963).

93090. Universal Oil Products Company. Process for producing alkyl aromatic hydrocarbons.

*The 2nd April 1964*

93091. D. J. Edwin. Magnetic transmission of radio waves for intercontinental television broadcasting.

93092. Phillips Petroleum Company. Partial oxidation of carbon black.

93093. Borg-Werner Corporation. Single stage centrifugal impeller compressor.

93094. A. E. Topham and C. H. Topham. Improvements in or relating to valves for controlling fluid flow. (9th April 1963).

93095. Eli Lilly and Company. Method for protecting plants against fungi and composition for use therein.

93096. Aluminium Laboratories Limited. Method for determining composition of fused salt mixtures.

93097. The Goodyear Tire & Rubber Company. Improvements in method of building fabric elastomeric containers.

93098. The Goodyear Tire & Rubber Company. Improvements in a polyester urethane composition and method of preparation.

93099. The Goodyear Tire & Rubber Company. Improvements in polyurethane elastomers.

93100. Shell Internationale Research Maatschappij N.V. A process for the chlorination of hydrocarbons. [Addition to No. 76886].

93101. Ashland Oil & Refining Company. Improvement in production of carbon black. [Addition to No. 72176].

93102. Pechiney-Compagnie de Produits Chimiques et Electrometallurgiques. Method for the preparation of organo aluminic compounds. [Divisional date 19th November 1962].

93103. Vickers-Armstrongs (Engineers) Limited. Improvements in or relating to grate coolers. (3rd April 1963).

93104. Chiyoda Kako Kenetsu Kabushiki Kaisha. Sealing means of floating cover for liquid storage tank.

93105. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Improvements in and relating to processes and apparatus for erecting solid masses on submarine beds.

93106. Standard Telephones and Cables Limited. Wave-form generator. (25th April 1963).

93107. Standard Telephones and Cables, Limited. Electric cables. (9th May 1963).

93108. Kalle Aktiengesellschaft. Process for the preparation of printing plates.

93109. Toyoda Automatic Loom Works, Limited and Kanegafuchi Boseki Kabushiki-Kaisha. Apparatus for continuously effecting automatic bobbin exchange on spinning machines.

93110. The Metal Box Company of India Limited. Improvements in or relating to the pilfer-proof sealing of bottles, jars and like containers.

*The 3rd April 1964*

93111. E. L. Sumner. Manually powered earth boring equipment for bored piling, post holes, soil sampling and the like.

93112. Westinghouse Electric Corporation. Improvements in or relating to electrical apparatus.

93113. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brüning. Benzenesulfonyl ureas and process for their manufacture.

93114. Pressoturn Limited. Bins for bulk materials and apparatus for manipulating bins.

93115. Aktiebolaget Bofors. Device for priming charges in projectiles, rockets or the like, for obtaining extensive ignition of a primary charge.

93116. Chinoin Gyogyszer-es Vegyeszeti Termekkel Gyara RT. New 1,2,4-oxadiazole-derivatives and process for their preparation.

93117. Simonacco Limited. Improvements in or relating to reclaiming apparatus. (10th April 1963).

93118. Farnsfield Limited. Direct smelting of metallic ores and concentrates. (11th April 1963).

93119. Farbenfabriken Bayer Aktiengesellschaft. Azo dyestuffs and process for their production. (31st January 1964).

93120. Farbentabriken Bayer Aktiengesellschaft. Azo dyestuffs. (4th February 1964).

93121. Shell Internationale Research Maatschappij N.V. Hydrogenated block copolymers, compositions containing them and process for the preparation of the hydrogenated block copolymers.

93122. Shell Internationale Research Maatschappij N.V. Polymeric composition.

93123. Allmanna Svenska Elektriska Aktiebolaget. Air blast circuit breaker.

93124. The Manet Industries (Proprietary) Limited. Fluid flow control valve.

93125. P. Sanjivee. Improved roller for grinding and/or mixing paints or the like in grinding mills.

93126. G. G. Patel. Improved smoking pipe with water filter.

#### Alteration of date

84918. The claim to priority date 3rd November 1961 has been abandoned and the application dated as of 1st November 1962, the date of filing in India.

85521. The claim to priority date 23rd May 1962 has been disallowed and the application dated as of 7th December 1962, the date of filing in India.

86235. The claim to priority date 29th January 1962 has been abandoned and the application dated as of 29th January 1963, the date of filing in India.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

83038. J. R. Geigy A.-G. Synthetic lubricants and hydraulic liquids, their production and use. Accepted on 30th March 1964.

*Reacting an organic polyamine having two or more acylatable amino groups and an amount of cyanuric halide equimolecular to the number of its acylatable amino groups and primary and/or secondary amines.*

83077. Deutsche Gold-Und Silber-Scheideanstalt Vormals Roessler. A process for purifying highly dispersed oxides. (18th April 1962). Accepted on 31st March 1964.

*A process for purifying highly dispersed oxides, oxide mixtures or mixed oxides of metals and/or metalloids in the presence of gases or vaporous having a hydrolysing and oxidising action, and if desired, in the presence of an inert gas, at elevated temperatures.*

83092. Monsanto Chemical Company. Polymerization of ethylene. Accepted on 31st March 1964.

*Polymerising in presence of initiator in elongated reaction zone, recycling portion of reaction mixture to point at high pressure than from which withdrawn.*

83140. J. R. Geigy A.-G. Composition suitable as lubricant and as hydraulic liquid. Accepted on 31st March 1964.

*Containing one or several liquid to fatty N, N' N''—substituted melamines and at least one other substance from the series of highly purified mineral oils.*

83217. Inventa AG für Forschung und Patentverwertung. Process for the manufacture of cyclodecene-(5)-one(1). Accepted on 31st March 1964.

*Dehydrating cyclodecanol-6-one-1 by heating in presence of a catalyst comprising a heavy or alkaline earth metal or its oxide or salt.*

83300. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Insecticidal compositions. (29th September 1961). [Addition to No. 73575]. Accepted on 2nd April 1964.

*Comprising as active substance (5 to 60%) an *o*-phenyl-substituted 0,0-dialkyl-dithiophosphoryl acetic ester in admixture with a diluent or carrier.*

83316. E. E. Burford. Package tying device. Accepted on 1st April 1964.  
*Comprises means to gather end of bag into a constricted state means to tie a wire around the constricted end, wire cutting means and wire twisting means.*

83320. Owens-Corning Fiberglas Corporation. Silicate fibers, method of preparation thereof coating composition therefor and textile materials obtained using these silicate fibers. Accepted on 31st March 1964.  
*Comprising a continuous filament consisting essentially of silica and at least an oxide of a metal selected from the group consisting of sodium, lithium, potassium and boron.*

83483. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to sodium vapour discharge tubes. Accepted on 30th March 1964.  
*The side facing of the tube is coated with tin oxide.*

84356. Shell Research Limited. Insecticidal compositions containing organophosphorous compounds. Accepted on 30th March 1964.  
*Containing N-dlmethoxyphosphinyl thio-acetyl-N'-methyl urea with a carrier or a surface active agent excepting  $H_2O$  or a common chemical solvent.*

84374. Halcon International, Inc. formerly known as Scientific Design Company. Method of preparing acetic acid. Accepted on 30th March 1964.  
*By contacting gaseous mixture consisting of ethylene and molecular oxygen with a catalyst containing a compound selected from the group palladium and platinum and a component selected from the group consisting of vanadium, cobalt, molybdenum and manganese.*

84375. Halcon International Inc. formerly known as Scientific Design Company, Inc. Process for the production of acetic acid. Accepted on 30th March 1964.  
*By contacting a gaseous mixture containing 1 to 5% ethylene, molecular oxygen up to 12% and 1 to 10% water vapour with a catalyst at  $150^{\circ}$ — $300^{\circ}C$ .*

84389. International Business Machines Corporation. Method of producing magnetic record magnetised to represent digital data and apparatus for carrying out said method. Accepted on 30th March 1964.  
*Comprising generating an electrical signal representing the digital data and applying that signal to a transducer in recording relationship with a saturable recording medium.*

84391. Rockwood & Co., Apparatus for incubating eggs. Accepted on 1st April 1964.  
*Serially arranging eggs in early and late stages of incubation and flowing air from the eggs in the late stages of incubation over the eggs in the early stages of incubation.*

84392. Halcon International Inc. formerly known as Scientific Design Company Inc. Process for the preparation of phenol from oxygenated cyclohexane fraction and process of preparing catalyst for use in said process. Accepted on 30th March 1964.  
*By using as catalyst platinum-on-active-carbon containing up to 5% platinum, said carbon having been treated with 0.1% to 19% aqueous  $HCl$ .*

84424. General Railway Signal Company. Improvements relating to electromagnetic switching devices. (19th July 1962). Accepted on 2nd April 1964.  
*Comprising a magnetically operable armature pivotally mounted on an electromagnet, at least one moving contact spring operable by the armature to engage or disengage a fixed contact spring, and low rate coil springs.*

84443. Corn Products Company. Adhesive composition and process for preparing same. Accepted on 2nd April 1964.  
*Comprising gelatinized a ungelatinized starch, urea, formaldehyde or paraformaldehyde, water and alkaline material to get pH of 10—12.5.*

84460. Josheph Lucas (Industries) Limited. Solenoids. (6th October 1961). Accepted on 30th March 1964.  
*Comprising in combination a winding an armature, a screw threaded bore, a screw threaded stem, means for preventing the stem.*

84484. Kins Developments Limited. Improvements in or relating to travelling cranes. (10th October 1961). Accepted on 2nd April 1964.  
*Comprising a bridge structure supported at each end by an end carriage.*

84485. L'Eclairage Des Vehicules Sur Rail. Electrical generating equipment for feeding circuits with different characteristics. Accepted on 31st March 1964.  
*Comprising distinct coils disposed in the same notches and connected to different circuits.*

84524. Byk-Gulden Lomberg, Chemische Fabrik GmbH. Benzofuran derivatives and process for their production. Accepted on 2nd April 1964.  
*By converting the corresponding benzofuran-3-carboxylic acid or a derivative thereof to corresponding dimethylamide, reducing it, reacting the quaternary ammonium salt thereof with metal cyanide followed by reduction.*

84568. Shell Internationale Research Maatschappij N.V. Bituminated sand and method for preparation of same. Accepted on 31st March 1964.  
*In which an amount of bitumenous emulsion is brought into contact with sand having 35—60% by volume of voids between the grains of sand, which sand is mixed with sufficient water to fill the voids in the sand.*

84588. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Sulfur vulcanizable olefin copolymers process for their preparation, and vulcanized rubbers obtained therefrom. Accepted on 31st March 1964.  
*Polymerising in liquid phase monomers in presence of catalyst from (a) vanadium compound (b) organo-metallic compound or hybrides of group I, II or III metals or complexes thereof.*

84646. Imperial Chemical Industries Limited. Blasting explosive cartridges containing ethylene glycol dinitrate. (20th October 1961). Accepted on 31st March 1964.  
*Explosives containing ethylene glycol dinitrate wrapped in a layer of polypropylene.*

84662. Esso Research and Engineering Company. Coke-containing multiple polyolefin compositions and articles prepared therefrom. Accepted on 30th March 1964.  
*100 parts of monoalphaolefin polymer admixed with 500 parts of comminuted petroleum coke with particle size 0.75—50.0 microns.*

84663. J. A. A. Mota. Portable artificial respirator. Accepted on 30th March 1964.  
*Characterised by two concentric enclosures with elastic walls, which act as bellows or analogous elements being able to vary the volume of the enclosures, one of which is formed by the inner wall of the inner bellow or a similar smaller element, the other being formed between both bellows serving one of these spaces for varying the volume.*

84676. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for recovering iron, titanium and aluminium from the red slurries of bauxite. Accepted on 30th March 1964.

Characterised by (i) filtration (ii) calcination of red muds (iii) reduction with reducing gas (iv) cooling of calcined and reduced red slurries (v) magnetic separation (vi) recovery of aluminium and titanium oxides by pyrogenic synthetisation with  $Na_2CO_3$  and  $CaCO_3$ , leaching of aluminate (vii) recovery of oxides of vanadium, chromium, manganese and other metals.

84880. The General Tire & Rubber Company. Multi-compartment receptacle for the ingredients of a concrete mix. Accepted on 2nd April 1964.

Comprising an outer flexible tubular wall having end portions, one of said end portions tapering towards its bead, a plate closing the opening at the other end of said wall, an inner flexible tubular wall dividing the receptacle into inner and outer compartments, etc.

84897. Metal & Thermit Corporation. Improvements in or relating to cellular polyurethane plastics. [Addition to No. 82549]. Accepted on 31st March 1964.

Mixing polyalkylene polyol and organic polyfunctional isocyanate, water and catalytic amount of (a) a gel catalyst and (b) a blowing catalyst.

84918. Shell Research Limited. Novel pesticidal compositions. Accepted on 2nd April 1964.

Comprising a thiocyanatothiazole compound and a carrier.

84934. General American Transportation Corporation. Chemical nickel plating of magnesium and its alloys. Accepted on 30th March 1964.

Comprising nickel ions, hypophosphite ions, a complexing agent, fluoride ions, sufficient hydroxyl ions and a buffering system having alkali metal cations and boron oxide anions and equivalent to an addition of alkali metal tetraborate.

85094. Amp Incorporated. Method and apparatus for producing stacking electrical leads. (28th November 1961). Accepted on 30th March 1964.

Comprises the steps of driving the lead in its axial direction and steps are taken not to damage the trailing connector of the lead during engagement of the lead by the rolls and subsequently moving the lead transversely of its axis to stack the lead.

85273. Orchard Paper Company. Heat sensitive composition and paper coated therewith for thermographic copying. Accepted on 2nd April 1964.

Comprising film forming binder in which there is dispersed the reaction product of a Grignard type organo-metallic compound and a sulfur compound of the group consisting of alkyl or aryl xanthates, alkyl or aryl thiuram sulfides, thiourea and thioamides.

85310. American Cyanamid Company. Improved method for preparing phosphate esters and products obtained therefrom. Accepted on 31st March 1964.

Reacting a dialkyl phosphorochlorido-thioate with an alkali metal salt of a hydroxy pyrazine in the presence of an inert solvent and cuprous chloride catalyst.

85512. Dr. Ing. J. Huber. Improvements in or relating to installations for regulating the speed of moving rail vehicles in hump yards. Accepted on 30th March 1964.

Comprising alternate vehicle braking arrangements and vehicle propelling arrangements adapted to act on vehicle wheels.

85521. P. B. Fonden and K. O. T. Walander. Device for arresting, landing aeroplanes. Accepted on 2nd April 1964.

By means of a wire or the like connected to brakes which brakes are interconnected by an endless wire, chain or the like for synchronising the rotational speeds of the brakes during arresting operation.

85778. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for improving the workability of cis-1, 4 polybutadiene. Accepted on 31st March 1964.

Wherein polybutadiene before the addition of fillers is mixed with polypentadiene having a cis-1, 4 content of at least 50%.

85783. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-insoluble monoazo-dyestuffs and process for their manufacture. [Addition to No. 79415]. Accepted on 2nd April 1964.

Coupling diazonium compound of 1-amino-benzene-2-carboxylic acid alkylester-5 carboxylic acid amide with a coupling component.

85855. Telefonaktiebolaget L. M. Ericsson. Contact device for printed circuits. Accepted on 30th March 1964.

Movable contacts comprise springs reeds, each one of which extends in an arc between the two points of the circuit that are to be connected and at an intermediate portion is provided with an open loop that is brought through a hole in the plate, a pin of insulating material being passed through each reed loop on the reverse side of the loop.

85867. Shell Internationale Research Maatschappij N. V. Wellhead assembly. Accepted on 2nd April 1964.

Comprising a housing having a closure section releasably connectable to a lower section of the housing for closing the upper end of the lower section, a first passage in the lower section and a second passage in the housing.

86003. Moulton Consultants Limited. Resilient suspension for the rear wheel of a two-wheeled cycle vehicle. (12th January 1962). Accepted on 1st April 1964.

Includes a trailing arm structure pivotally mounted on transverse pivot bearing means disposed on the vehicle frame and an arcuate rubber-bonded-to-metal sandwich spring disposed in line between the pivot bearing and the rear wheel spindle at a position ahead of the rear wheel.

86028. West Point Manufacturing Company. Nonwoven fabric and method of manufacturing the same. Accepted on 2nd April 1964.

Comprises prebonding fibre web with minor quantity of elastomeric material, drying, curing, rebonding the web with a major quantity of elastomeric material and then drying.

86057. Inventa A. G. Fur Forschung Und Patentverwertung. Process for the manufacture of cyclododecane derivatives. Accepted on 2nd April 1964.

By reaction of cyclododecatrienes with carbon monoxide and hydrogen wherein the molar ratio of carbon monoxide to hydrogen is smaller than 1:1.

86100. Maschinenfabrik Augsburg-Nurnberg A. G. Improvements in and relating to fuel injection pumps. Accepted on 2nd April 1964.

Minor plunger coaxial inside rotatable major plunger anchored in pump casing.

86235. Prince-Smith & Stells Limited. Improvements in apparatus for detecting and correcting irregularities of thickness of a textile sliver. Accepted on 2nd April 1964.

Comprises sliver drafting mechanism, sliver thickness variation measuring means, a signal storage relay, a setting element, a transmitter element, a variable speed device, a differential gear unit and output gear connecting means.

86530. AMP Incorporated. Multi-aperture magnetic core logic devices. Accepted on 3rd April 1964.

*With an auxiliary load circuit comprising an auxiliary winding extending with the same sense through both outlet apertures of two magnetic inlet cores having such an impedance that when priming winding is energised, a magneto-motive force which opposes and cancels out magneto-motive forces generated by currents induced in the transfer winding and which assist the priming magnets-motive forces produced.*

86551. Imperial Chemical Industries Limited. Process for colouring textile materials with a dyestuff containing a hetero-cyclic ring substituted by a quaternary ammonium group and with a dyestuff containing a heterocyclic ring substituted by a halogen atom. (26th February 1962). [Addition to No. 73373]. Accepted on 2nd April 1964.

*Treating with a mixture of N-containing heterocyclic ring compound substituted by quaternary ammonium group and a compound containing a halogen atom instead of the quaternary group.*

86574. Sperry Rand Corporation. Hub for releasably holding a reel. Accepted on 2nd April 1964.

*Red ejecting elements are in inoperative locked position when spring loaded actuating element is in its unlocked position and red holding elements are retracted and said ejecting elements are in operative position when said actuating means is in locked position.*

86612. Palmer-Shile Company. Improved storage racks. Accepted on 1st April 1964.

*Comprising a pair of side units each having a pair of longitudinal members and a pair of upright members and transverse members between the side units.*

86649. Acrow (Engineers) Limited. Improvements in or relating to pit props or jacks. (28th February 1962). Accepted on 2nd April 1964.

*Having a body tube protected by a shield comprising an inner layer of resilient material and an outer layer of metal.*

86681. E. I. du Pont de Nemours and Company. A porous, self-supporting sheet material and a process for preparing the same. Accepted on 31st March 1964.

*Filaments aligned transverse to plane of sheet are contorted between their ends and inter-connected at plurality of points lengthwise to adjacent filamentary structures.*

86762. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to thermo-electric devices. Accepted on 30th March 1964.

*Characterized in that there are interposed between the bodies, more particularly semiconductor bodies, which form the thermo-electric elements one or more spacers, particularly made of synthetic material, which include one or more cavities filled with thermally insulating material, while the bodies may form part of the wall surface of the cavities.*

86774. National Castings Company. Rigid Jaw railway coupler. Accepted on 1st April 1964.

*An aligning wing disposed to rear of buffering jaw and extending laterally from head, a horn mounted on the underside and a lug projecting forwardly from a jaw or wing of one coupler to preclude horizontal jack-knifing.*

86978. Sandoz Ltd. Water-soluble reactive dyes of the phthalocyanine series, and dyeing padding or printing fibres therewith. Accepted on 2nd April 1964.

*Reacting diazo compound of an amine with coupling compound.*

87106. Chemical Construction Corporation. Sulfur spray burner. Accepted on 2nd April 1964.

*Comprising means whereby a mixed fluid stream comprising sulfur droplets finely dispersed in the sulfur dispersion gas after passing through an annular space between an inner conduit and upper conduit is discharged through an outer orifice member.*

87136. J. Streule. Improvements in or relating to shoe closures. Accepted on 1st April 1964.

*Improvement comprises in combination a connecting band passing through a loop from one upper to the other and back again, said band being formed by an adhering band.*

87606. Associated Electrical Industries Limited. Improvements in the attachment of pole shoes to laminated cores. (25th April 1962). Accepted on 30th March 1964.

*Comprises the steps of providing in the core, an elongated hole extending inwardly from a face of the core in a direction parallel to the planes of the laminations and the driving into the hole of one end of a stud to the other end of which the pole piece is secured.*

87686. Pyrotenax Limited. Improved cable sealing means. (2nd May 1962). Accepted on 2nd April 1964.

*Comprises a pot or cylinder for securing at one end over the cable sheath, a closure member, a nozzle projecting from the closure member through which the cable core may pass on emergence from the sealing pot, the nozzle being formed externally with a circumferentially ridged surface.*

88458. Allied Chemical Corporation. Production of hexafluoroisopropyl alcohol. Accepted on 2nd April 1964.

*Reacting hexa-fluoroacetone with hydrogen at 200°C in presence of a catalyst comprising metallic copper and chromium oxide.*

88613. Teijin Limited. Polymer compositions. Accepted on 2nd April 1964.

*Comprising at least 50% by weight of a polycarbonate derived from a 4, 4-dihydroxy-di-(mononuclear aryl)-alkane and at least one olefin-type polymer in an amount not exceeding 50% by weight.*

88734. Laporte Titanium Limited. Improvements in or relating to chlorides. (3rd July 1962). Accepted on 30th March 1964.

*The chlorides of the elements are removed from the gases by passing the gases into a cooling zone and cooling them through a temperature range which is above the boiling point of titanium tetrachloride, but in which at least one chloride condenses into the liquid phase.*

#### Opposition Proceedings

(1)

An opposition has been entered by Cigarette Components Limited to the grant of a patent on application No. 82961 made by Kurashiki Rayon Company Limited.

(2)

An opposition has been entered by Metallgesellschaft A.G., to the grant of a patent on application No. 84826 made by Yawata Iron & Steel Co. Limited.

#### Correction of Clerical Errors

Under section 62 of the Indian Patents and Designs Act, 1911, certain clerical errors occurring in the specification in respect of patent application No. 81629 was corrected on 30th March 1964.

#### Patents Sealed

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### Amendment Proceedings

#### (1)

The amendment proposed by N. V. Philips' Gloeilampenfabrieken in respect of Patent application No. 67287 as advertised in the Gazette of India, Part III, Section 2, dated the 12th October 1963, has been allowed.

#### (2)

The amendments proposed by Powater Research and Development Company Limited, in respect of Patent application No. 78326 as advertised in the Gazette of India, Part III, Section 2, dated the 14th December 1963, have been allowed.

#### (3)

The amendment proposed by E. I. du Pont de Nemours and Company under Section 17 of the Indian Patents and Designs Act, 1911, for amendment of the specification in respect of Patent application No. 79631, has been allowed.

#### (4)

The amendment proposed by American Viscose Corporation in respect of Patent application No. 80021 as advertised in the Gazette of India Part III, Section 2, dated the 21st December 1963, has been allowed.

#### (5)

The amendment proposed by American Viscose Corporation in respect of Patent application No. 80022 as advertised in the Gazette of India, Part III, Section 2, dated the 21st December 1963, has been allowed.

### Renewal Fees Paid

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### Restoration Proceedings

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patent:—

No. 40257—*Salimuzzaman Siddiqui & others*

The patent ceased on the 13th September 1963, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2, of the Gazette of India, dated the 11th January 1964. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Design Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 30th May 1964.

### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

Class 1. No. 120782.	Jamnadas Choithram Chabria, Indian, 293 Abdul Rehman Street, Bombay-3, Maharashtra, "Ball point pens", January 18, 1964.
Class 3. No. 119985.	Kulbhushan Khurana an Indian National, Faizabad Distt.-Gurgaon, Punjab, "Soles for footwear (shoes)", October 30, 1964.
Class 3. No. 120490.	Gestetner Limited, a British Company, Fawley Road, Tottenham, London N. 17, England, "Unit forming half a container for a collapsible tube", June 20, 1963 (United Kingdom).
Class 3. No. 120910.	Som Parkash Gupta, Dharam Pal Gupta, Parshotam Das Gupta and Raj Kumar Gupta Indian Nationals, G. T. Road, Karnal, Punjab, "Shoe sole", January 25, 1964.
Class 3. No. 120971.	Dunlop Rubber Company Limited, a British Company, Fort Dunlop, Erdington, Birmingham 24, England, "A tyre for a vehicle wheel", October 18, 1963. (United Kingdom).
Class 4. No. 120964.	V. P. Bedekar & Sons private Limited, a limited liability company, incorporated under the Indian Companies Act, Mugbhat, Bombay 4, Maharashtra, India, "Bottles", January 31, 1964.
Class 5. No. 120773.	M and Sons, Mohalla Mandia, Sandila, Distt. Unnao (U.P.), India, Indian sole proprietor concern, "Label", January 16, 1964.
Class 5. No. 120784.	Nousani Chemicals, 66/270 Kachina, Kanpur (U.P.), India, Indian Partnership concern, "The label", January 18, 1964.
Class 13. Nos. 121329 to 121336.	Calico Dyeing & Printing Mills (P) Ltd, Industrial Estates, 41E Parel Chawl Road, Lalbaug, Bombay 12, Nationality Indian Business Concern (Private limited company), "Textile goods including silks and art-silk piece-goods", February 28, 1964.

Class 13. Nos. 121221 to 121235 and 121237 to 121246. The Svadeshi Mills Co. Ltd, an Indian Company, Bombay, Bombay House, Bruce Street, Fort, Bombay, (Maharashtra), "Textile goods", February 20, 1964.

Class 13. Nos. 121322 to 121324, Calico Dyeing & Printing Mills (P) Ltd, Industrial Estates, 41E Parel Chawl Road, Lalbaug, Bombay 12, Nationality Indian Business concern (Private limited company), "Textile goods including silks and art-silk piece-goods", February 26, 1964.

Class 14. No. 121236. The Svadeshi Mills Co. Ltd, an Indian Company, Bombay, Bombay House, Bruce Street, Fort, Bombay, (Maharashtra), "Textile goods", February 20, 1964.

**Copyright Extended for a Second Period of Five Years**

Design No. 99836 and 99929, Class 3.

**Copyright Extended for a Third Period of Five Years**

Design No. 79802, Class 3.

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(P)	Sinha, B.—92690.
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(Q)	S. Smith & Sons (England) Limited—92761.
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(R)	Standard Oil Company—92834.
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Zavod Transportnogo Mashinostroenija im. V. A. Maly-  
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